

CLAIMS

We claim:

- 1 1. A portable wireless video system, comprising:
 - 2 a mast extendable to at least 12 feet from a base to an
 - 3 upper end, said base including means for stabilizing said mast;
 - 4 a pan and tilt mechanism mounted to said upper end of said
 - 5 mast;
 - 6 a video camera mounted to said pan and tilt mechanism;
 - 7 a remote wireless mechanism in electronic communication
 - 8 with said pan and tilt mechanism and said video camera, said
 - 9 remote wireless mechanism including a video transmitter for
 - 10 transmitting a video signal generated by said video camera and
 - 11 communicated to said remote wireless mechanism;
 - 12 a portable wireless terminal having a receiver for
 - 13 receiving wireless transmissions originating from said remote
 - 14 wireless mechanism and a display for displaying sequenced images
 - 15 from said video signal, said portable wireless terminal also
 - 16 including a keypad for generating pan and tilt commands, said
 - 17 portable wireless terminal including a wireless transmitter for
 - 18 transmitting a command signal representative of said commands,
 - 19 said remote wireless mechanism including a receiver for

20 receiving said command signal and controlling said pan and tilt
21 mechanism in response to said command signal.

1 2. The portable wireless video system of claim 1, wherein
2 said mast is telescopically extensible and is collapsible to
3 about four feet in length.

1 3. The portable wireless video system of claim 1 wherein
2 said mast is telescopically extensible and is extendable to at
3 least about 20 feet in length.

1 4. The portable wireless video system of claim 1, further
2 comprising a microphone in electronic communication with said
3 remote wireless mechanism, said video transmitter also
4 transmitting audio signals generated by said microphone.

1 5. The portable wireless video system of claim 4 wherein
2 said microphone is positioned remotely from said video camera
3 and said remote wireless mechanism.

1 6. The portable wireless video system of claim 1, wherein
2 said video camera includes a standard tripod mounting adapter,
3 said pan and tilt mechanism including a support that mates with
4 said mounting adapter of said video camera.

1 7. The portable wireless video system of claim 1, further
2 comprising a loudspeaker in electronic communication with said
3 remote wireless mechanism and a microphone in electronic
4 communication with said portable wireless terminal, said remote
5 wireless mechanism receiving a wireless audio signal originating
6 from said portable wireless terminal in response to sound being
7 picked up by said microphone, said remote wireless mechanism
8 amplifying said audio signal and communicating said amplified
9 audio signal to said loudspeaker.

1 8. The portable wireless video system of claim 1, wherein
2 said camera and said pan and tilt mechanism are housed in a
3 transparent housing.

1 9. The portable wireless video system of claim 8, further
2 comprising a platform at an upper end of said transparent
3 housing, said pan and tilt mechanism being suspended from said
4 platform within said housing.

1 10. The portable wireless video system of claim 1, further
2 comprising at least one additional pan and tilt mechanism
3 mounted to said mast, each said additional pan and tilt
4 mechanism having a corresponding video camera mounted thereto.

1 11. The portable wireless video system of claim 1, wherein
2 said means for stabilizing said mast includes a tripod stand.

1 12. The portable wireless video system of claim 1, wherein
2 said means for stabilizing said mast includes a plurality of
3 right angle tubes.

1 13. The portable wireless video system of claim 12,
2 further comprising a platform supported by said plurality of
3 right angle tubes.

1 14. The portable wireless video system of claim 12,
2 further comprising a plurality of stakes for anchoring distal
3 ends of said plurality of right angle tubes to earth.

1 15. The portable wireless video system of claim 12,
2 wherein said remote wireless mechanism and said portable
3 wireless terminal are in communication via a cellular telephone
4 network whereby said wireless transmissions originating from
5 said remote wireless mechanism are conveyed to said portable
6 wireless terminal by said cellular telephone network and said
7 command signal transmitted by said wireless transmitter is
8 conveyed to said remote wireless mechanism by said cellular
9 telephone network.

1 16. The portable wireless video system of claim 15,
2 wherein said portable wireless terminal is a cellular telephone.

1 17. The portable wireless video system of claim 16,
2 wherein said portable wireless terminal is a 3G cellular
3 telephone.

1 18. A portable wireless video system comprising:
2 a pan and tilt mechanism;
3 a video camera mounted to said pan and tilt mechanism;
4 a remote wireless mechanism in electronic communication
5 with said pan and tilt mechanism and said video camera, said
6 remote wireless mechanism including a video transmitter for
7 transmitting video signals generated by said video camera and
8 communicated to said remote wireless mechanism;
9 a portable wireless terminal having a receiver for
10 receiving wireless transmissions originating from said remote
11 wireless mechanism and a display for displaying sequenced images
12 from said video signal, said portable wireless terminal also
13 including a keypad for generating pan and tilt commands, said
14 portable wireless terminal including a wireless transmitter for
15 transmitting a command signal representative of said commands,
16 said remote wireless mechanism including a receiver for
17 receiving said command signal and controlling said pan and tilt
18 mechanism in response to said command signal; and wherein
19 said remote wireless mechanism and said portable wireless
20 terminal are in communication via a cellular telephone network
21 whereby said wireless transmissions originating from said remote
22 wireless mechanism are conveyed to said portable wireless

23 terminal by said cellular telephone network and said command
24 signal transmitted by said wireless transmitter is conveyed to
25 said remote wireless mechanism by said cellular telephone
26 network.

1 19. The portable wireless video system of claim 18,
2 wherein said portable wireless terminal is a cellular telephone.

1 20. The portable wireless video system of claim 19,
2 wherein said portable wireless terminal is a 3G cellular
3 telephone.